

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
6 May 2005 (06.05.2005)

PCT

(10) International Publication Number  
**WO 2005/039596 A1**

(51) International Patent Classification<sup>7</sup>: **A61K 31/695**,  
31/10, A61P 9/00, 9/14, 15/10

(74) Agent: **MARSH, David, R.**; Arnold & Porter LLP, 555  
Twelfth St. N.W., Washington, DC 20004 (US).

(21) International Application Number:  
PCT/US2004/034093

(22) International Filing Date: 18 October 2004 (18.10.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
60/511,654 17 October 2003 (17.10.2003) US  
60/511,663 17 October 2003 (17.10.2003) US  
60/511,670 17 October 2003 (17.10.2003) US  
60/537,233 20 January 2004 (20.01.2004) US  
60/537,250 20 January 2004 (20.01.2004) US  
60/537,286 20 January 2004 (20.01.2004) US

(71) Applicant (for all designated States except US): **AMYLIN  
PHARMACEUTICALS, INC.** [US/US]; 9360 Towne  
Centre Drive, San Diego, CA 92121 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **BARON, Alain, D.**  
[US/US]; c/o Amylin Pharmaceuticals, inc., 9360 Towne  
Centre Drive, San Diego, CA 92121 (US). **CHEN, Kim,  
Seng** [MY/US]; c/o Amylin Pharmaceuticals, Inc., 9360  
Towne Centre Drive, San Diego, CA 92121 (US).

(81) Designated States (unless otherwise indicated, for every  
kind of national protection available): AE, AG, AL, AM,  
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,  
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,  
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,  
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,  
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,  
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,  
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,  
ZW.

(84) Designated States (unless otherwise indicated, for every  
kind of regional protection available): ARIPO (BW, GH,  
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,  
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),  
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,  
FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI,  
SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ,  
GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guid-  
ance Notes on Codes and Abbreviations" appearing at the begin-  
ning of each regular issue of the PCT Gazette.

(54) Title: **SILYL PHENOLS FOR PROMOTING VASCULAR HEALTH**

(57) Abstract: The present invention generally relates to the therapeutic and prophylactic methods and compositions for improving vascular health. In one embodiment, the methods of the invention include administering a therapeutically or prophylactically effective amount of at least one compound of the present invention to a subject in need of treatment, wherein the amount is therapeutically or prophylactically effective in the treatment or prevention of major adverse cardiac events, vascular access dysfunction, or male erectile dysfunction.



**WO 2005/039596 A1**